

Supplementary data for article:

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## Supplementary material

### Comparative study of different approaches for multivariate image analysis in HPTLC fingerprinting of plant resin extracts

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**Table S1.** List of the investigated plant resins

Samples	Plant	Geographical origin
1	<i>Populus nigra</i>	Vojvodina
2	<i>Betula pendula</i>	Zemun
3	<i>Populus nigra</i>	Vojvodina
4	<i>Populus nigra</i>	Vojvodina
5	<i>Populus nigra</i>	Valjevo
6	<i>Populus nigra</i>	Valjevo
7	<i>Populus nigra</i>	Valjevo
8	<i>Populus nigra</i>	Valjevo
9	<i>Populus nigra</i>	Valjevo
10	<i>Populus alba</i>	Bečej
11	<i>Populus nigra</i>	Valjevo
12	<i>Populus nigra</i>	Valjevo
13	<i>Populus nigra</i>	Valjevo
14	<i>Populus nigra</i>	Valjevo
15	<i>Populus nigra</i>	Valjevo
16	<i>Quercus Robur</i>	Valjevo
17	<i>Populus nigra</i>	Valjevo
18	<i>Populus nigra</i>	Novi Beograd
19	<i>Populus nigra</i>	Valjevo
20	<i>Populus nigra</i>	Bečej
21	<i>Populus nigra</i>	Valjevo
22	<i>Salix herbaceae</i>	Valjevo
23	<i>Prunus cerasus</i>	Radmilovac
24	<i>Prunus cerasus</i>	Radmilovac
25	<i>Prunus cerasus</i>	Radmilovac
26	<i>Prunus cerasus</i>	Radmilovac
27	<i>Prunus avium</i>	Radmilovac
28	<i>Prunus avium</i>	Radmilovac
29	<i>Prunus avium</i>	Radmilovac
30	<i>Prunus avium</i>	Radmilovac
31	<i>Pyrus</i>	Radmilovac
32	<i>Pyrus</i>	Radmilovac
33	<i>Pyrus</i>	Radmilovac
34	<i>Pyrus</i>	Radmilovac
35	<i>Prunus avium</i>	Radmilovac
36	<i>Prunus</i>	Radmilovac
37	<i>Malus domestica</i>	Radmilovac
38	<i>Malus domestica</i>	Radmilovac
39	<i>Prunus</i>	Radmilovac
40	<i>Prunus persica</i>	Radmilovac
41	<i>Cidonia oblongata</i>	Radmilovac
42	<i>Prunus avium</i>	Radmilovac
43	<i>Prunus avium</i>	Radmilovac
44	<i>Prunus persica</i>	Radmilovac
45	<i>Prunus armeniaca</i>	Radmilovac
46	<i>Prunus mahaleb</i>	Radmilovac
47	<i>Prunus persica</i>	Radmilovac
48	<i>Populus nigra</i>	Radmilovac
49	<i>Malus domestica</i>	Zemun
50	<i>Syringa</i>	Beograd

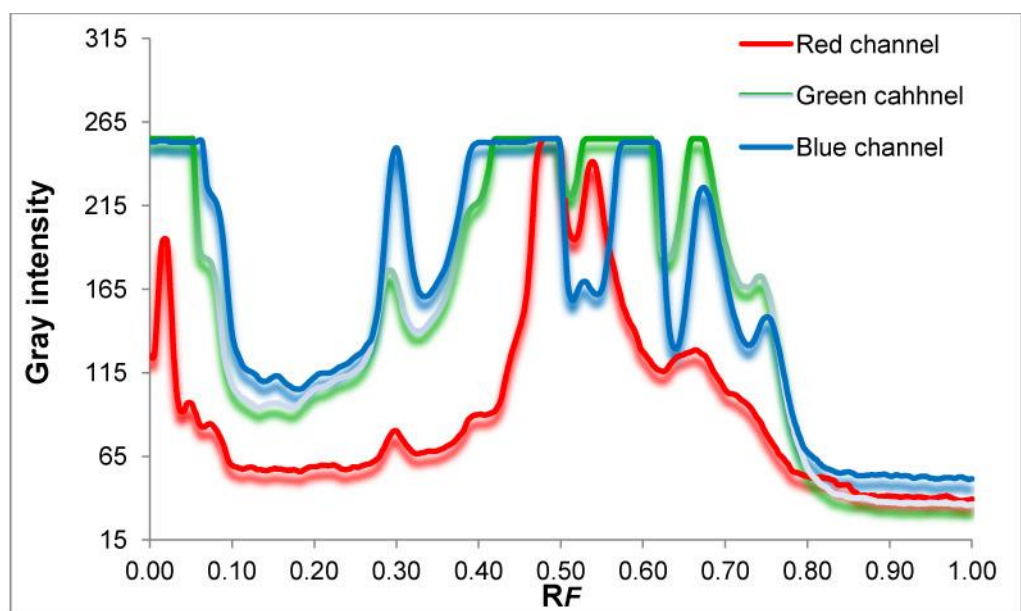
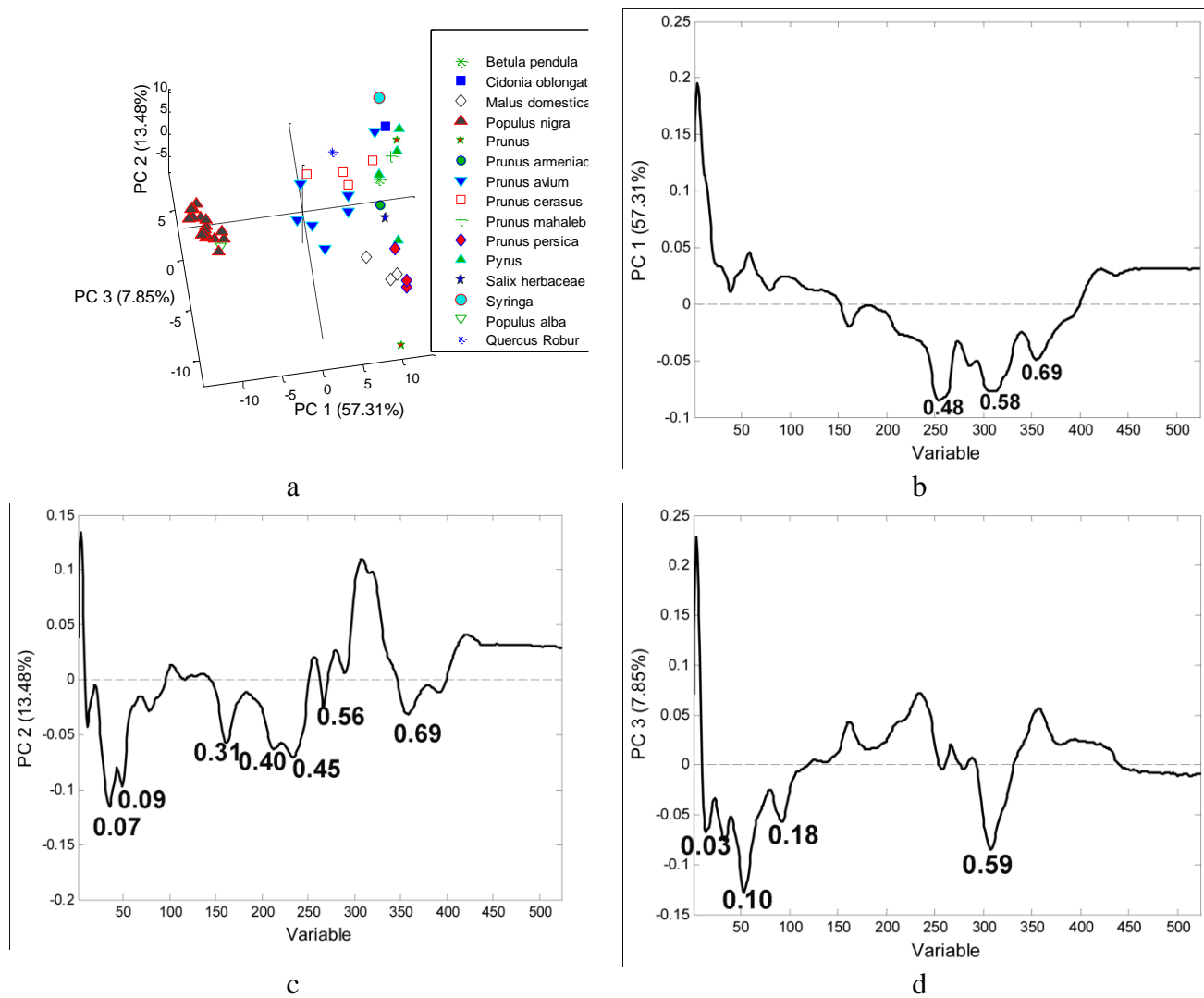
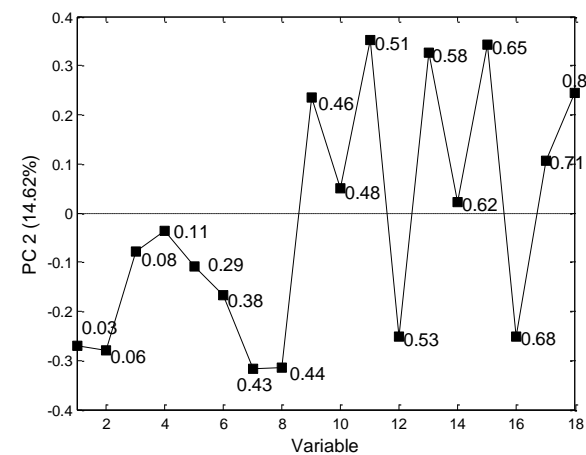
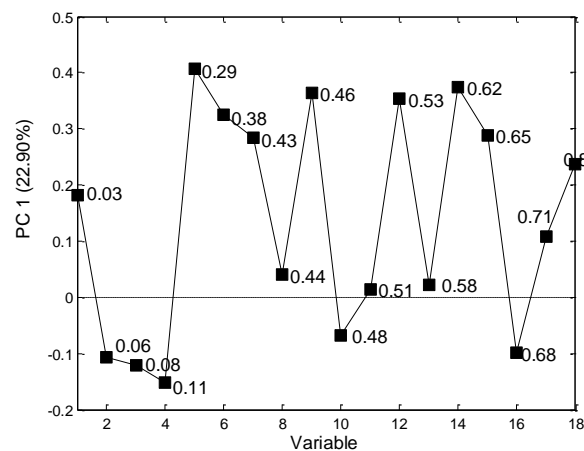
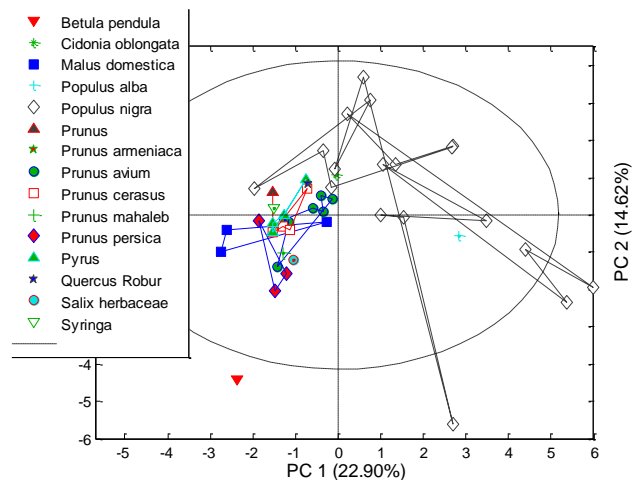


Fig. S1. The line profile plots of chromatograms

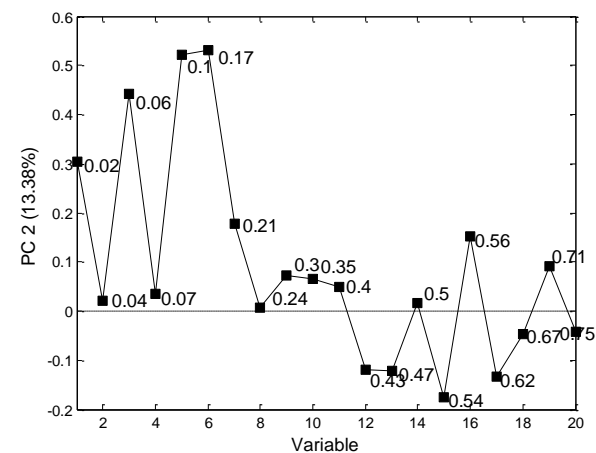
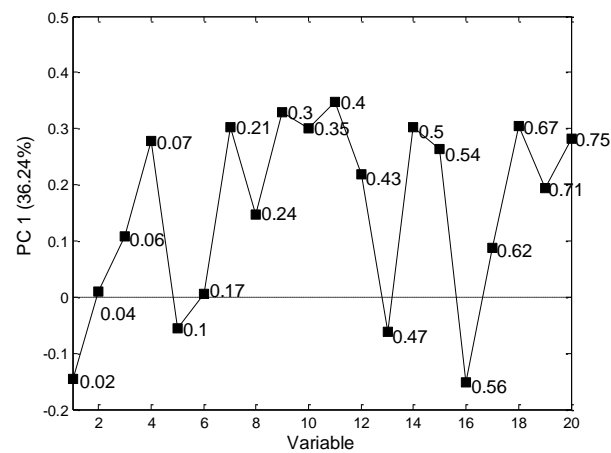
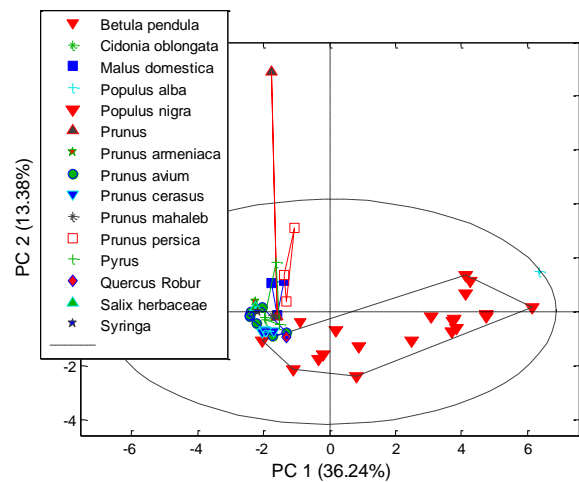


**Fig. S2.** PCA obtained for ImageJ software for gray scale: a) score plot, b) loading plot for PC1, c) loading plot for PC2, d) loading plot for PC3.

## Red channel

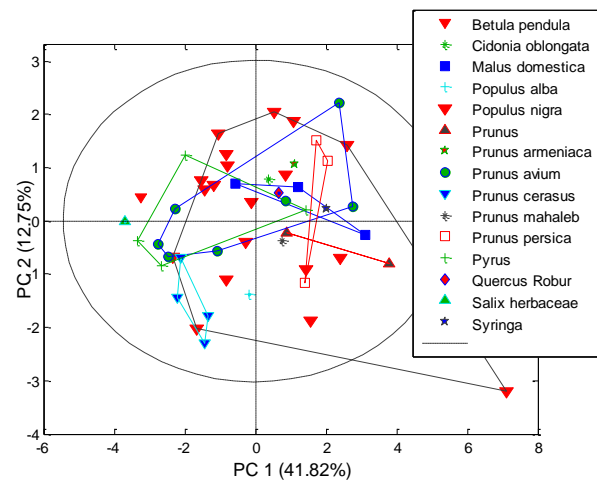


## Green channel

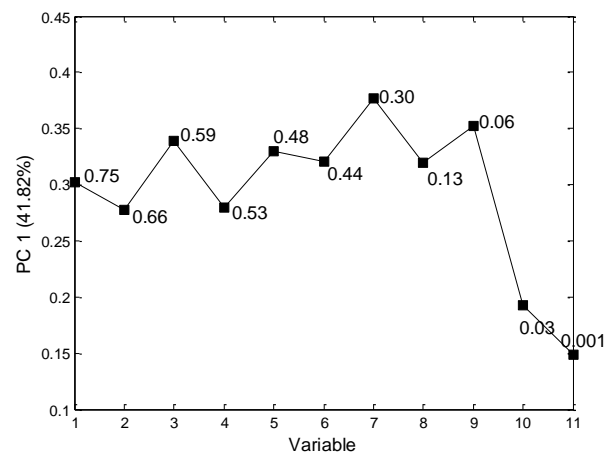


**Fig. S3.** PCA obtained for Sorbfil TLC Videodensitometer software: a) score plots, b) loading plots for PC1, c) loading plots for PC2.

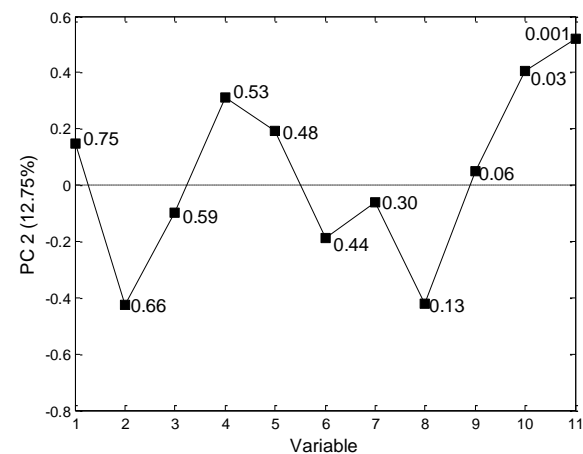
## Green channel



a



b



c

**Fig. S4.** PCA obtained for Just TLC software for green channel: a) score plot, b) loading plot for PC1, c) loading plot for PC2.